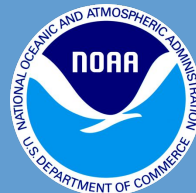


NOAA Education

# MODULE 3: An Overview of NOAA's Satellite & Information Service, National Weather Service, & NOAA Fisheries

We recommend watching Module 1 prior to viewing this presentation.



## National Environmental Satellite, Data, and Information Service (NESDIS)



## NESDIS Education Vision:

A public well-informed of space science, weather phenomena and the benefits Earth-observing satellites provide.

## NESDIS Education Mission:

To enhance understanding of the Earth's atmospheric, oceanic and terrestrial systems, and promote data literacy through the use of NOAA satellite imagery and data.



## For More Information

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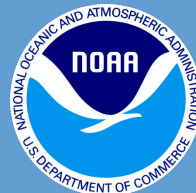
NOAA's Satellites & Information Service incorporates and supports the work of educational partners and programs within and outside of NOAA.



## For More Information

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# National Weather Service (NWS)



**NWS Mission:** Provide weather, water, and climate data forecasts and warnings for the protection of lives, property and enhancement of the national economy.

**NWS Vision:** A Weather-Ready Nation: Society is prepared for and responds to weather-related events.

## NWS Education Guiding Principles:

- Reach, connect and inspire all audiences/partners
- Leverage existing expertise across NWS within the career fields of STEM
- Support NOAA Education by promoting citizen science
- Link closely with NOAA Education and its program and activities



## For More Information

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# National Marine Fisheries Service At-Large (NOAA Fisheries)



## **NOAA Fisheries Education:**

- Regionally-based program
- Strong connections between science, conservation, and management
- Outreach, informal education, and formal education
- Maximize effectiveness through partnerships with other educational organizations and NOAA offices

## **Education programs within Fisheries with a larger national or regional framework :**

- NOAA's Teacher at Sea Program
- Bay-Watershed Education & Training (BWET) Programs for Chesapeake Bay, Gulf of Mexico and New England.
- Partnership with NOAA's Climate Stewards Program

**NOAA**  
**FISHERIES**

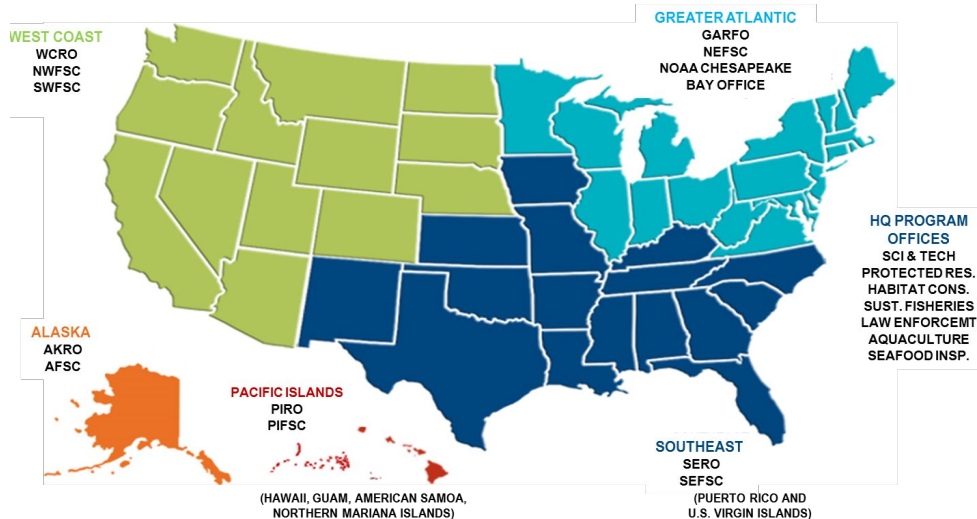
For More  
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# REGIONALLY-BASED EDUCATION

Regional Offices (management), Science Centers (research), HQ Program Offices



U.S. Department of Commerce | National Oceanic and Atmospheric Administration | NOAA Fisheries | Page 4



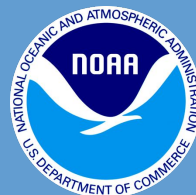
## Examples of NOAA Fisheries Education Regional Programs

- Northeast Region
  - Partnership Education Program, NOAA Environmental Science Training Center professional development opportunities
- Northwest/West Coast Region
  - NOAA Science Camp, Teacher in the Lab, World Fish Migration Day
- Southeast Region
  - Recruitment Training Research Program
- Southwest Region
  - Squids4Kids
- Pacific Islands Region
  - PIFSC Young Scientist Opportunity, NOAA Fisheries Science Camp
- Alaska Region
  - Sea Week, Sun to Sea Camp, SEAK Science Fair
- Headquarters
  - NEMO program, QUEST program



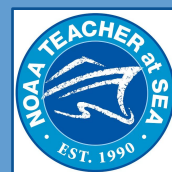


# NOAA's Teacher at Sea Program NOAA Fisheries



The NOAA Teacher at Sea (TAS) program is located in NOAA Fisheries but supports all of NOAA

- Teachers sail on all types of NOAA research cruises
- TAS alumni assist other Line Offices with education and outreach activities



For More  
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## NOAA's Teacher at Sea Program

The mission of NOAA's Teacher at Sea Program is to give teachers:

- A clearer insight into our ocean planet,
- A greater understanding of maritime work and studies, and
- To increase their level of environmental literacy by fostering an interdisciplinary research experience.



NEXT MODULE:  
NOAA's National Ocean Service  
(NOS)

